

VERSION SHOWING AMENDMENT TO THE CLAIMS

This listing replaces all prior listings of the claims.

IN THE CLAIMS

Amend the claims as follows:

1 (Currently amended). A circuit board arrangement for an organic electronic device, comprising:

a preassembled circuit board assembly forming a circuit comprising a printed circuit board on which are a plurality of interconnected electrical conductors and at least one active organic electronic component;

the circuit board having a surface on which are disposed a plurality of electrically interconnected electrical devices including said at least one active organic component and said interconnected conductors are disposed;

at least one of the interconnected electrical devices comprises comprising the at least one an active organic electronic component, the at least one active organic electronic component including at least one electrode layer electrically integrated on the circuit board surface with at least one ethers of the interconnected devices to form at least a portion of an electrical circuit, the organic electronic component having at least one electrode layer forming a portion of the active organic electronic component;

the at least one electrode layer of the integrated active organic electronic component for forming a conductive track layer on the surface for connection to an

inorganic inorganic semiconductor electrical component.

2 (Currently amended). A circuit board arrangement for an electronic device comprising:

a circuit board defining a surface ; and

at least one active organic electrical component and at least one passive organic electrical component electrically interconnected and integrated to form at least a portion of an electrical circuit on the surface wherein the at least one active organic electrical component and the at least one passive organic electrical component each include an organic layer forming a portion of that component and wherein the organic layer of each component is interconnected to and forms a corresponding conductive track on the circuit board surface for interconnection with at least one other electrical device on the circuit board surface to form an integrated preassembled circuit assembly.

3 (Currently amended). The circuit board arrangement as claimed in claim 2, wherein the at least one active electrical component is one of an organic transistor, an organic diode, an organic photocell, an organic integrated circuit and/or the passive organic component is one of ~~an electrically conducting connection~~, a resistor, a coil and/or a capacitor.

4 (Previously presented). The circuit board arrangement as claimed in one of the

preceding claims including a power supply integrated with the electrical circuit on the surface.

5 (Previously presented). The circuit board arrangement as claimed in any of claims 1 to 3 wherein an electrical input element and/or an electrical output element is electrically integrated with the circuit on the surface.

6 (Previously presented). The circuit board arrangement as claimed in any of claims 1 to 3 wherein electrically conductive lines or conducting contacts are on the surface using structured conductive layers and/or conductive adhesives and which may form electrodes for the electrical components.

7 (Previously presented). The circuit board arrangement as claimed in any of claims 1 to 3 wherein a visualization element and/or a display is electrically integrated on the surface with the circuit.

8 (Previously presented). The circuit board arrangement as claimed in claim 7 wherein the display comprises electrochromic material, liquid crystalline elements and/or organic light-emitting diodes.

9 (Previously presented). The circuit board arrangement as claimed in claim 7 wherein

a driver circuit associated with the display is electrically integrated on the surface with the circuit.

10 (Previously presented). The circuit board arrangement of claim 9 wherein the driver circuit comprises at least one organic field-effect transistor.

11 (Previously presented). The use of the circuit board arrangement as claimed in one of claims 1 to 3 for an electronic device including any of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

12 (Previously presented). The circuit board arrangement as claimed in claim 8 wherein a driver circuit associated with the display is electrically integrated on the surface with the display .

13 (Previously presented). The circuit board arrangement of claim 8 wherein a driver electronics is included and comprises at least one organic field-effect transistor coupled to the circuit.

14 (Previously presented). The circuit board arrangement of any one of claims 1 or 2 wherein a driver electronics is included and comprises at least one organic field-effect transistor coupled to the circuit.

15 (Previously presented). The ~~use of the~~ circuit board arrangement as claimed in claim 4 for an electronic device including any of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

Claim 16, canceled.

17 (Currently amended). The ~~use of the~~ circuit board arrangement as claimed in claim 6 including a further arrangement coupled to the circuit for operating the circuit for an electronic device including any as one of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

18 (Currently amended). The ~~use of the~~ circuit board arrangement as claimed in claim 7 including a further arrangement coupled to the circuit for operating the circuit for an electronic device including any as one of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

19 (Currently amended). The ~~use of the~~ circuit board arrangement as claimed in claim 8 including a further arrangement coupled to the circuit for operating the circuit for an electronic device including any as one of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

20 (Currently amended). The ~~use of the~~ circuit board arrangement as claimed in claim 9 including a further arrangement coupled to the circuit for operating the circuit for an electronic device including any as one of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

21 (Currently amended). The ~~use of the~~ circuit board arrangement as claimed in claim 10 including a further arrangement coupled to the circuit for operating the circuit for an electronic device including any as one of a sensor label, an advertising ticket, a price marker, a game, a check card and an RFID tag.

Add the following claim:

22 (New) A circuit board arrangement for an organic electronic device, comprising:  
a preassembled circuit board assembly forming a circuit comprising a printed circuit board on which are a plurality of interconnected electrical conductors and at least one active organic electronic component;  
the circuit board having a surface on which are disposed a plurality of electrically interconnected electrical devices including said at least one active organic component and said interconnected conductors;  
at least one of the interconnected electrical devices comprising the at least one active organic electronic component, the at least one active organic electronic

component including at least one functional layer electrically integrated on the circuit board surface with at least one of the interconnected devices to form at least a portion of an electrical circuit, the organic electronic component at least one functional layer forming a portion of the active organic electronic component;

the at least one functional layer of the integrated active organic electronic component for forming a conductive track layer on the surface for connection to an inorganic semiconductor electrical component.